IN THE SPECIFICATION:

Page 1, before paragraph 1, please insert a new heading at line 1 reading:

Field of the Invention

Page 1, please replace the first full paragraph with the following:

This invention relates to a programming station generating a compacted program using a single ~~hierarchised~~ hierarchical and ~~object oriented~~object-oriented language to program an automation application and automation equipment using such a program.

Page 1, between the first and second full paragraphs, please insert a new heading at line 6 reading:

Background of the Invention

Page 3, between the first and second full paragraphs, please insert a new heading at line 19 reading:

Summary of the Invention

Please replace the paragraph bridging pages 3 and 4 with the following:

This purpose is achieved using a station for programming an automation application designed to be executed in an automation equipment, the programming station comprising a memory containing a set of one or several description files, each description file describing a part of the application and being expressed in a single, ~~hierarchised~~ hierarchical and ~~object oriented~~object-oriented language. The programming station uses a compression program that generates a file in the compacted format for each description file, the contents of the compacted file being sufficient for the description of the part of the application considered, and in that it uses a loading program to

store each compacted file in a memory in the automation equipment.

Page 4, please replace the first and second full paragraphs with the following:

According to one feature, the programming station uses a decompression program to generate a description file in a single, ~~hierarchised~~ hierarchical and ~~object-oriented~~object-oriented language describing part of the application, from a compacted file stored in the automation equipment memory.

According to another feature, the single, ~~hierarchised~~ hierarchical and ~~object-oriented~~object-oriented language is the XML (eXtended Markup Language) language.

Page 5, please replace the third and fourth full paragraphs with the following:

This purpose is achieved by the fact that the automation equipment ~~comprises~~ includes a memory containing an automation

application program in the form of a binary file executable by the automation equipment. The automation equipment stores the executable binary file in its memory, together with one or several files in a compacted format output from the description file(s), in which the contents are sufficient for a description of the application, starting from one or several description files describing all or part of the application and expressed in a single, ~~hierarchised~~ hierarchical and ~~object-oriented~~object-oriented language.

According to one feature, the single, ~~hierarchised~~ hierarchical and ~~object-oriented~~object-oriented language is the XML (eXtended Markup Language) language.

Page 7, before the first full paragraph, please insert a new heading at line 1 reading:

Brief Description of the Drawings

Please replace the paragraph bridging pages 7 and 8 with the following:

The invention consists of describing an automation application using a single, ~~hierarchised~~ hierarchical and ~~object oriented~~object-oriented language starting from a grammar of this language defined specifically to translate the automation application written in one or several graphic automation languages conform with standard IEC1131-3 and to store a compacted file output from this description in the automation equipment. In the embodiment presented, this single, ~~hierarchised~~ hierarchical and ~~object oriented~~object-oriented language may be the XML (eXtended Markup Language) language. The description is text only (no binary information). It is independent of the implementation and must respect XML standards. The XML description of an automation application may be stored in full or in part in the form of a set of one or several description files. These files may be imported and/or exported to and from third party software. Each descriptive object of the application in the XML language is assigned

firstly XML tags that are words enclosed between "less than" (<) and "greater than" (>) signs, and also by attributes (in the form *name="value"*). Therefore the entire application can be described using tags and attributes. The tags are only used to delimit data elements and the application that reads the data interprets these data completely. These tags are usually composed of words that are understandable even for a user who is not a person skilled in the art.

Page 7, between the first and second full paragraphs, please insert a new heading at line 17 reading:

Description of the Preferred Embodiments

Please replace the paragraph bridging pages 23 and 24 with the following:

The invention also relates to an automation equipment ~~comprising~~ having a memory (50) containing the automation application program in the form of a binary file (502) that can

be executed by the automation equipment. Starting from one or several description files (401) describing all or part of the application and expressed in a single, ~~hierarchised~~ hierarchical and ~~object oriented~~object-oriented language, the automation equipment stores one or several files in compacted format (501) output from the description file(s) (401), in addition to the executable file (502), in the memory (50), the contents of this (these) file(s) remaining sufficient to describe part of the application considered. In the embodiment described, this single, ~~hierarchised~~ hierarchical and ~~object oriented~~object-oriented language is for example the XML (eXtended Markup Language) language.

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